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July 10, 2001

Attorney Docket No.: 4738-2/443001

**Box Patent Application**  
Commissioner for Patents  
Washington, DC 20231

Presented for filing is a new patent application claiming priority from a provisional patent application of:

Applicant: ARKADY YAMPOLSKY AND MASOUD ASLAN

Title: CLOSED-LOOP CONTROL OF A CHEMICAL MECHANICAL  
POLISHER

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

|                                     | <u>Pages</u> |
|-------------------------------------|--------------|
| Specification                       | 10           |
| Claims (16 Total and 4 Independent) | 3            |
| Abstract                            | 1            |
| Declaration                         | 3            |
| Drawing(s)                          | 4            |

Enclosures:

— Two Postcards.  
Certification Under 35 U.S.C. 122(b)(2)(B)(i)

Under 35 USC §119(e)(1), this application claims the benefit of prior U.S. provisional application 60/217,224, filed July 10, 2000.

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EL631197128US

July 10, 2001  
Date of Deposit

07/10/01  
JC355 U.S. PTO  
Frederick P. Fish  
1855-1930  
W.K. Richardson  
1859-1951



BOSTON

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JC978 U.S. PTO  
09/903052  
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|--|-------|
| Basic filing fee                                 | \$710 |
| Total claims in excess of 20 (0 times \$18)      | \$0   |
| Independent claims in excess of 3 (1 times \$80) | \$80  |
| Fee for multiple dependent claims                | \$0   |
| Total filing fee:                                | \$790 |

A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (650) 322-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

Patent Counsel  
Applied Materials, Inc.  
Legal Affairs Department  
P.O. Box 450A  
Santa Clara, CA 95052

Please direct all telephone inquiries to David J. Goren at (650) 322-5070.

Respectfully submitted,



David J. Goren  
Reg. No. 34,609

Enclosures

DJG/mcs

50053373.doc

650.322.5070

|  |                      |   |                                  |
|--|----------------------|---|----------------------------------|
| <b>REQUEST AND CERTIFICATION<br/>UNDER<br/>35 U.S.C. 122(b)(2)(B)(i)</b> | First Named Inventor |   | Arkady Yampolsky and Masad Aslan |
|  | Title                | CLOSED-LOOP CONTROL OF A CHEMICAL MECHANICAL POLISHER |                                  |
|  | Atty Docket Number   |   | 05542-443001                     |

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

7/10/01  
Date

David J. Goren  
Signature

David J. Goren, Reg. No. 34,609  
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**